



Large shovel welded onto end of each ripper blade measures 30 in.

This 3-bottom unit passed field tests last fall with "flying colors".

New "Underground" Plow Lifts The Soil

You've never seen a tillage tool quite like the revolutionary "underground plow" introduced by Lee Blacksmith, Rochelle, Ill.

Designed primarily for fall tillage, it incorporates plowing, subsoiling, ripping, chiseling and disking. Large diamond-shaped shovels (30 in. wide) welded onto the ends of heavy rippers operate 12 in. underground to "lift" the soil.

"Its action differs from conventional subsoiling or ripping in that

the huge shovels lift the soil for improved aeration and moisture penetration," explains John Dougherty, sales manager. "It goes through heavy trash, leaves no ridges or untilled gaps, and you end up with a trashy surface to stop snow and wind erosion. It can also be equipped to knife in anhydrous ammonia."

Ten machines currently in production will be shown at most major shows and fairs during 1977. Regular assembly line production and marketing will be launched well ahead of the '77 fall tillage season, according

to Dougherty. "Farmers who field tested it for us last fall were well pleased with its performance," he told FARM SHOW.

The new tillage tool will be offered in 3 and 5 bottom models. The five bottom unit, with slightly over 2 in. spacing between shovels, has a working width of 160 in., and requires a 150 hp or larger tractor. It's comparable in capacity to a moldboard plow with ten 16-in. bottoms but requires slightly less horsepower. "We recommend a tractor of 150 hp or larger for the 5 bottoms, and 100 hp or larger

for the 3 bottom unit," says Dougherty. On soybean ground, the new-style tillage tool can move right in without any prior tillage. On heavy corn stalks, it's recommended that the stalks first be disked. It's expected that fields tilled with the new machine in the fall will only require a once-over disking in the spring prior to planting.

For more details, contact: FARM SHOW Followup, Lee Blacksmith, Inc., John Dougherty, Sales Manager, Box 27, Rt. 51 So., Rochelle, Ill. 61068. (ph. 815 562-5591).



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Adapter for tilting box full 90° fits most conventional straight truck hoists used with up to 16 ft. long boxes.

"Full-tilt" Truck Hoist

(Continued from cover page)

of the way and not damaged when the box is tilted a full 90°.

The "Hired Hand" kit—including the adapter cylinder and hardware for tilting the box 90°, and the hydraulic endgate—will be marketed in 1977 to fit most 16 ft. truck boxes. In the hopper is a kit designed for pickup trucks. Both units—the full tilt hoist and the hydraulically operated tailgate—can be purchased separately.

For more details, contact: FARM SHOW Followup, Austring Enterprises, Norman Austring, Pres., 521 Toronto St., Regina, Saskatchewan, Canada (ph. 306 543-1616).

